NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

The drawings filed (insert date)___12/17/96___ are
A.___ not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
B._V_ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
   Black ink. Color.
   ___ Not black solid lines. Fig(s)_1-3_
   ___ Color drawings are not acceptable until petition is granted.
   Fig(s) ___

2. PHOTOGRAPHS. 37 CFR 1.84(b)
   ___ Photographs are not acceptable until petition is granted.
   Fig(s) ___
   ___ Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)___
   ___ Poor quality (half-tone). Fig(s)___

3. GRAPHIC FORMS. 37 CFR 1.84 (d)
   ___ Chemical or mathematical formula not labeled as separate figure.
   Fig(s)___
   ___ Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.
   Fig(s)___
   ___ Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s)___

4. TYPE OF PAPER. 37 CFR 1.84(c)
   ___ Paper not flexible, strong, white, smooth, nonshiny, and durable.
   Sheet(s)___
   ___ Erasures, alterations, overwritings, interlineations, cracks, creases, and folds copy machine marks not accepted. Fig(s) ___
   ___ Mylar, velum paper is not acceptable (too thin). Fig(s) ___

5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
   21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
   21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
   21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
   21.0 cm. by 29.7 cm. (DIN size A4)
   ___ All drawing sheets not the same size. Sheet(s)___
   ___ Drawing sheet not an acceptable size. Sheet(s) ___

6. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Paper size			
21.6 X 35.6 cm. (8 1/2 X 14 inches)	21.6 cm X 33.1 cm. (8 1/2 X 13 inches)	21.6 cm. X 27.9 cm. (8 1/2 X 11 inches)	21.0 cm. X 29.7 cm. (DIN Size A4)
T 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5cm.
L .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	2.5 cm.
R .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.5 cm.
B .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.0 cm.

   ___ Margins do not conform to chart above.
   Sheet(s)___
   ___Top (T) ___Left (L) ___Right (R) ___Bottom (B)

7. VIEWS. 37 CFR 1.84(h)
   REMINDER: Specification may require revision to correspond to drawing changes.
   ___ All views not grouped together. Fig(s)___
   ___ Views connected by projection lines or lead lines.
   Fig(s)___
   ___ Partial views. 37 CFR 1.84(h) 2

___ View and enlarged view not labled separatly or properly.
Fig(s)___
___ Sectional views. 37 CFR 1.84 (h) 3
___ Hatching not indicated for sectional portions of an object.
Fig(s)___
___ Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s)___

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
   ___ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)___

9. SCALE. 37 CFR 1.84(k)
   ___ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.
   Fig(s)___
   ___ Indication such as "actual size" or scale 1/2" not permitted.
   Fig(s)___

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
    ___ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings).
    Fig(s)_1-3_

11. SHADING. 37 CFR 1.84(m)
    ___ Solid black shading areas not permitted.
    Fig(s)___
    ___ Shade lines, pale, rough and blurred. Fig(s)___

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
    ___ Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1) Fig(s)_1-3_
    ___ Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1) Fig(s)___
    ___ English alphabet not used. 37 CFR 1.84(p)(2)
    Fig(s)___
    ___ Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3)
    Fig(s)___

13. LEAD LINES. 37 CFR 1.84(q)
    ___ Lead lines cross each other. Fig(s)___
    ___ Lead lines missing. Fig(s)___

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
    ___ Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s)___

15. NUMBER OF VIEWS. 37 CFR 1.84(u)
    ___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)___
    ___ View numbers not preceded by the abbreviation Fig.
    Fig(s)___

16. CORRECTIONS. 37 CFR 1.84(w)
    ___ Corrections not made from prior PTO-948.
    Fig(s)___

17. DESIGN DRAWING. 37 CFR 1.152
    ___ Surface shading shown not appropriate. Fig(s)___
    ___ Solid black shading not used for color contrast.
    Fig(s)___

COMMENTS:

DATE ___2/20/97___